

FILE 'REGISTRY' ENTERED AT 15:39:30 ON 10 FEB 2005

E BISPHOSPHONATE

L5 63 S E3
L6 116 S E3-E4

FILE 'CAPLUS' ENTERED AT 15:41:52 ON 10 FEB 2005

L7 2202 S ALENDRONATE OR RISEDRONATE OR TILUDRONATE OR PAMIDRONATE OR I
L8 8565 S L6 OR L7

FILE 'REGISTRY' ENTERED AT 15:43:05 ON 10 FEB 2005

E PHOSPHOLIPID

L9 966 S E3-E6

FILE 'CAPLUS' ENTERED AT 15:44:06 ON 10 FEB 2005

L10 14 S L8 AND L9

X

=> d his

(FILE 'HOME' ENTERED AT 17:07:46 ON 10 FEB 2005)

FILE 'EPFULL, FRFULL, PATDPAFULL, PCTFULL, RDISCLOSURE, USPATFULL,
USPAT2' ENTERED AT 17:07:56 ON 10 FEB 2005

E LICHTENBERGER L/IN

L1 26 S E4-E6

L2 5039 S ALENDRONATE OR RISEDRONATE OR TILUDRONATE OR PAMIDRONATE OR

L3 5 S L1 AND L2

=> s alendronate or risedronate or tiludronate or pamidronate or ibandronate or zolendronate or etidronate or bisphosphonate

L2 5039 ALENDRONATE OR RISEDRONATE OR TILUDRONATE OR PAMIDRONATE OR
IBANDRONATE OR ZOLENDRONATE OR ETIDRONATE OR BISPHOSPHONATE

=> s l1 and l2

L3 5 L1 AND L2

=> d ibib 1-5

L3 ANSWER 1 OF 5 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2001:41169 EPFULL
DATA UPDATE DATE: 20040804
DATA UPDATE WEEK: 200432
TITLE (ENGLISH): UNIQUE COMPOSITIONS OF ZWITTERIONIC PHOSPHOLIPIDS AND
BISPHOSPHONATES AND USE OF THE COMPOSITIONS AS
BISPHOSPHATE DELIVERY SYSTEMS WITH REDUCED GI TOXICITY
TITLE (FRENCH): COMPOSITIONS UNIQUES DE PHOSPHOLIPIDES ZWITTERIONIQUES
ET DE **BISPHOSPHONATES** ET LEUR UTILISATION
SOUS FORME DE SYSTEMES D'ADMINISTRATION DE
BISPHOSPHATES PRESENTANT UNE TOXICITE
GASTRO-INTESTINALE LIMITEE
TITLE (GERMAN): EINZIGE ZUSAMMENSETZUNGEN AUS ZWITTERIONISCHEN
PHOSPHOLIPIDEN UND BISPHOSPHONATEN MIT REDUZIERTER
TOXIZITAET UND ERHOEBTER BIOVERFUEGBARKEIT
INVENTOR(S): **LICHTENBERGER, Lenard, M., 5427 Darnell, Houston,
TX 77096, US**
PATENT APPLICANT(S): The Board of Regents of The University of Texas System,
201 West 7th Street, Austin, TX 78701, US
PATENT APPL. NUMBER: 2326361
AGENT: W.P. Thompson & Co., Coopers Building Church Street,
Liverpool L1 3AB, GB
AGENT NUMBER: 101051
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
DOCUMENT TYPE: Patent
PATENT INFO TYPE: EPA2 Application published without search report
PATENT INFORMATION:
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1267890 A2 20030102

EP 1267890 A3 20020613

WO 2001076577 20011018

DESIGNATED STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
SE TR

APPLICATION INFO.: EP 2001-924814 A 20010406

WO 2001-US11375 A 20010406

PRIORITY INFO.: US 2000-195562P P 20000407

same invention

L3 ANSWER 2 OF 5

ACCESSION NUMBER: 2002085414 PCTFULL ED 20021111 EW 200244

TITLE (ENGLISH): METHOD AND COMPOSITIONS EMPLOYING FORMULATIONS OF
LECITHIN OILS AND NSAIDS FOR PROTECTING THE
GASTROINTESTINAL TRACT AND PROVIDING ENHANCED
THERAPEUTIC ACTIVITY

TITLE (FRENCH): PROCEDE ET COMPOSITIONS FAISANT APPEL A DES
FORMULATIONS D'HUILES DE LECITHINE ET
D'ANTI-INFLAMMATOIRES NON STEROIDES, POUR LA PROTECTION
DU TRACTUS GASTRO-INTESTINAL ET L'AMELIORATION DE

L'EFFET THERAPEUTIQUE

INVENTOR(S): **LICHTENBERGER, Lenard, 5427 Darnell, Houston, TX 77096, US [US, US]**

PATENT ASSIGNEE(S): **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, Office of General Counsel, 201 W. 7th Street, Austin, TX 78701, US [US, US], for all designates States except US;**
LICHTENBERGER, Lenard, 5427 Darnell, Houston, TX 77096, US [US, US], for US only

AGENT: **STROZIER, Robert\$, Robert W. Strozier, PLLC, 2925 Briarpark Drive, Suite 930, Houston, TX 77042\$, US**

LANGUAGE OF FILING: **English**

LANGUAGE OF PUBL.: **English**

DOCUMENT TYPE: **Patent**

PATENT INFORMATION:

NUMBER	KIND	DATE

WO 2002085414	A2	20021031

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

RW (ARIPO):

GH GM KE LS MW MZ SD SL SZ TZ UG ZW

RW (EAPO):

AM AZ BY KG KZ MD RU TJ TM

RW (EPO):

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR

RW (OAPI):

BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 2001-US51605 A 20011219

PRIORITY INFO.:

US 2000-60/256,711 20001219

L3 ANSWER 3 OF 5

ACCESSION NUMBER:

PCTFULL COPYRIGHT 2005 Univentio on STN
2001076577 PCTFULL ED 20020822

TITLE (ENGLISH):

UNIQUE COMPOSITIONS OF ZWITTERIONIC PHOSPHOLIPIDS AND
BISPHOSPHONATES AND USE OF THE COMPOSITIONS AS
BISPHOSPHATE DELIVERY SYSTEMS WITH REDUCED GI TOXICITY
COMPOSITIONS UNIQUES DE PHOSPHOLIPIDES ZWITTERIONIQUES
ET DE **BISPHOSPHONATES** ET LEUR UTILISATION
SOUS FORME DE SYSTEMES D'ADMINISTRATION DE
BISPHOSPHATES PRESENTANT UNE TOXICITE
GASTRO-INTESTINALE LIMITEE

INVENTOR(S):

LICHTENBERGER, Lenard, M.

PATENT ASSIGNEE(S):

THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM

DOCUMENT TYPE:

Patent

PATENT INFORMATION:

NUMBER	KIND	DATE

WO 2001076577	A2	20011018

DESIGNATED STATES

W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ
TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.:

WO 2001-US11375 A 20010406

PRIORITY INFO.:

US 2000-60/195,562 20000407

L3 ANSWER 4 OF 5

USPATFULL on STN

ACCESSION NUMBER:

2003:251608 USPATFULL

TITLE:

Unique compositions of zwitterionic phospholipids and
bisphosphonates and use of the compositions as
bisphosphate delivery systems with reduced GI toxicity

INVENTOR(S):

**Lichtenberger, Lenard M., Houston, TX, UNITED
STATES**

same invention

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003176397	A1	20030918
APPLICATION INFO.:	US 2003-366155	A1	20030213 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-827493, filed on 6 Apr 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-195562P	20000407 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROBERT W. STROZIER, SUITE 930, 2925 BRIARPARK DRIVE, HOUSTON, TX, 77042	
NUMBER OF CLAIMS:	45	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	1366	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 5 OF 5 USPATFULL on STN

ACCESSION NUMBER: 2002:37883 USPATFULL

TITLE: Unique compositions of zwitterionic phospholipids and **bisphosphonates** and use of the compositions as bisphosphate delivery systems with reduced GI toxicity

INVENTOR(S): **Lichtenberger, Lenard M.**, Houston, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002022603	A1	20020221
APPLICATION INFO.:	US 2001- <u>827493</u>	A1	20010406 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-195562P	20000407 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROBERT W STROZIER, PLLC, 2925 BRIARPARK, SUITE 930, HOUSTON, TX, 77042	
NUMBER OF CLAIMS:	45	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	1368	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

Instant invention

L10 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2005 ACS on STN

IT 50-14-6, Calciferol 59-02-9, α -Tocopherol 72-43-5, Methoxychlor
80-05-7, Bisphenol A, biological studies 117-39-5, Quercetin 446-72-0,
Genistein 478-01-3, Nobiletin 479-13-0, Coumestrol 480-41-1,
Naringenin 481-53-8, Tangeretin 486-66-8, Daidzein 490-23-3,
 β -Tocotrienol 520-33-2, Hesperetin 520-36-5, Apigenin 1200-22-2
1406-16-2, Vitamin D 1721-51-3, α -Tocotrienol **1984-15-2D**
, Methanebisphosphonic acid, derivs. **2809-21-4**, Etidronic acid
6829-55-6, Tocotrienol 6829-55-6D, Tocotrienol, analogs and derivs.
7440-70-2, Calcium, biological studies 7681-49-4, Sodium fluoride,
biological studies 7782-49-2, Selenium, biological studies 9002-64-6,
Parathormone 9007-12-9, Calcitonin 10540-29-1, Tamoxifen 11032-49-8,
Vitamin K2 11104-38-4, Vitamin K1 12001-79-5, Vitamin K 14101-61-2,
 γ -Tocotrienol 16772-32-0 17673-25-5D, Phorbol, esters
23288-49-5, Probutol 25612-59-3, δ -Tocotrienol 26538-44-3,
Zeranol 35212-22-7, Ipriflavone 38640-70-9, Pentahydroxyflavone
41294-56-8, 1α -Hydroxycholecalciferol 66376-36-1, Alendronic acid
77699-47-9, Herbimycin **105462-24-6**, Risedronic acid
150035-60-2

RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES
(Uses)

(compns. and methods for treating and preventing bone diseases using
tocotrienols)

IT **141436-78-4**, Protein kinase C

RL: BSU (Biological study, unclassified); BIOL (Biological study)
(modulators; compns. and methods for treating and preventing bone
diseases using tocotrienols)